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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Currently amended) A method for treating a patient in order to induce an immune response to an antigen ~~inducing immunity in a patient~~, comprising delivering a composition ~~particle~~ comprising a calcium phosphate nanoparticle having a ~~pharmacologically active agent~~ the antigen at least partially coating the nanoparticle or impregnating the nanoparticle or both, wherein the particle ~~has a diameter between about 300 nm and about 4000 nm and has a substantially spherical shape and a substantially smooth surface~~ is delivered to a mucosal surface of the patient in need thereof, ~~wherein the pharmacologically active agent is an antigen.~~
6. (Original) The method of claim 5, wherein the mucosal surface is selected from the group consisting of a nasal surface, upper airway, lower airway, pulmonary surface, oral surface, ocular surface, vaginal surface, and rectal surface.
7. (Original) The method of claim 5, wherein the particle is complexed with a pharmaceutically acceptable excipient and delivered as a spray, an aerosol, an ointment, an eye drop, a gel, a suspension, a capsule, a suppository, an impregnated tampon, or combinations thereof.
8. (Cancelled))

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9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (New) A composition for treating a patient in order to induce an immune response to an antigen, comprising a calcium phosphate nanoparticle having the antigen at least partially coating the particle or impregnating the particle or both, wherein the particle is delivered to a mucosal surface of the patient in need thereof.